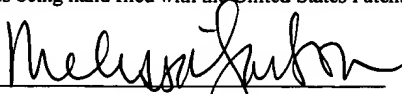


PATENT  
Docket No. 44912-20097.00

**CERTIFICATE OF HAND DELIVERY**

I hereby certify that this correspondence is being hand filed with the United States Patent and Trademark Office in Washington, D.C. on August 10, 2001.

  
Melissa Garton

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

Thomas MOLIERE

Serial No.: Not yet Assigned

Filing Date: September 12, 2001

For: TRANSCEIVER HAVING DIGITAL  
SIGNAL PROCESSING

Examiner: Not yet Assigned

Group Art Unit: Not yet Assigned

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicant submits for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☒ With the application; accordingly, no fee or separate requirements are required.

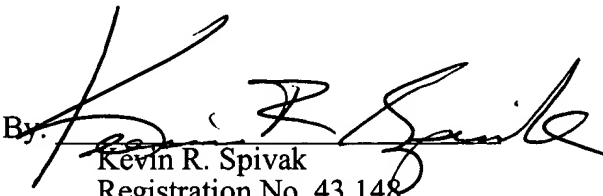
Applicant would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is to the best of my knowledge and is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 44912-20097.00. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: September 12, 2001

Respectfully submitted,

By:   
Kevin R. Spivak  
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Sheet 1 of 1

|  |                                 |                                     |
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| <b>Form PTO-1449</b><br><br><b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b><br><br><i>(Use several sheets if necessary)</i> | Docket Number 44912-20097.00    | Application Number Not yet assigned |
|  | Applicant<br><br>Thomas MOLIERE |                                     |
|  | Filing Date September 12, 2001  | Group Art Unit Not yet assigned     |
|  | Mailing Date *                  |                                     |

## U.S. PATENT DOCUMENTS

| Examiner<br>Initials | Ref.<br>No. | Date      | Document No. | Name          | Class | Subclass | Filing Date If<br>Appropriate |
|----------------------|-------------|-----------|--------------|---------------|-------|----------|-------------------------------|
|                      | 1.          | 3/01/1994 | 5,291,474    | Ikonen et al. |       |          |                               |

## FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials | Ref.<br>No. | Date      | Document No.    | Country | Class | Subclass | Translation<br>YES NO |
|----------------------|-------------|-----------|-----------------|---------|-------|----------|-----------------------|
|                      | 2.          | 4/07/1993 | EP 0 535 800 A2 | Europe  |       |          | X                     |

## OTHER DOCUMENTS

*(including author, title, Date, Pertinent Pages, Etc.)*

| Examiner<br>Initials | Ref.<br>No. | Title   |
|----------------------|-------------|---|
|                      | 3.          | "Delta-Sigma Modulation in Fractional-N Frequency Synthesis" by Riley et al.; IEEE Journal of Solid-State Circuits, Vol. 28, No. 5, May 1993. |

|                      |                  |
|----------------------|------------------|
| EXAMINER: (examiner) | DATE CONSIDERED: |
|----------------------|------------------|

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.